



Massachusetts: Cleaner Energy is Part of Our Future Priorities of the Patrick Administration: Global Warming Solutions Act Green Jobs Act Green Communities Act Energy Efficiency Renewables Investment Creation of the Green Communities Division within DOER

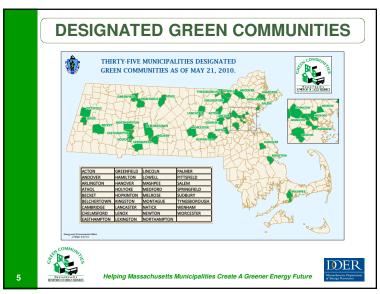


Helping Massachusetts Municipalities Create A Greener Energy Future

2/25/2010

DDER

COMMUNITIES GRANT PROGRAM Qualification Criteria 1. Adopt as-of-right siting for RE/AE generation, R&D, or manufacturing 2. Adopt expedited permitting process 3. Create an Energy Reduction Plan to reduce energy use by 20% in 5 years 4. Purchase only fuel-efficient vehicles 5. Adopt Stretch Code or minimize life cycle cost Green Communities Act, M.G.L. Ch. 25A §10 Helping Massachusetts Municipalities Create A Greener Energy Future

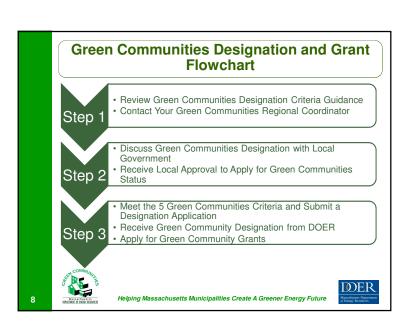




FY2010 GREEN COMMUNITIES 35 Green Communities Population ranges from Becket (1,800) to Worcester (182,000) Distributed across state Ten communities enacted as-of right zoning for renewable generation Nine provide for ground mounted PV of 250 kW Wenham and Kingston provide for wind of 600 kW 30 of 35 designees received planning assistance All 35 communities adopted the Stretch Code Due to number of designated communities and the amount of available funding, grants were allocated by a population/per capita income formula.

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FY2011 DESIGNATION AND GRANT APPLICATION TIMELINE

DATE	EVENT
Friday, October 15, 2010	Deadline for designation application preliminary consultations
Friday, November 19, 2010	Deadline for designation applications
Friday, December 17, 2010	Begin accepting grant applications
Friday, January 21, 2011	Deadline for grant applications

Application available at: http://tiny.cc/GreenCToolkit





You Can Become A Green Community!



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GREEN COMMUNITIES GRANT PROGRAM



Qualification Criteria

- 1. As-of-Right Siting for RE/AE
- 2. Expedited Permitting
- 3. Energy Reduction Plan
- 4. Fuel-Efficient Vehicles
- 5. Minimize Life Cycle Costs



Green Communities Act, M.G.L. Ch. 25A §10 Helping Massachusetts Municipalities Create A Greener Energy Future



Criteria 1 - As-Of-Right Siting

For at least one of the following:

- 1. Renewable or Alternative Energy Generating Facilities or:
- 2. Renewable or Alternative Energy Research and Development (R&D) Facilities or;
- 3. Renewable or Alternative Energy Manufacturing Facilities in designated locations.





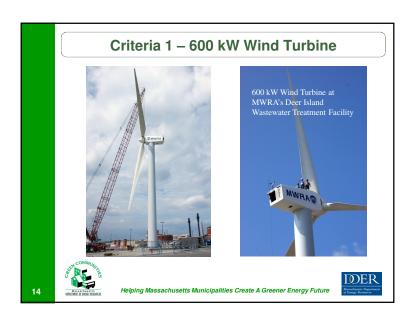
Criteria 1 – As-Of-Right Siting / Generation

- 1. On-Shore Wind A minimum of a 600 kW turbine
- 2. Off-Shore Wind A minimum of a 2.5 MW turbine
- 3. Solar Photovoltaic A single ground-mounted system of a minimum of 250 kW
- 4. Biomass CHP A minimum of 5 MW in a standalone building
- 5. Ocean, Wave or Tidal no minimum threshold











Criteria 1 – As-of-Right Siting / Mfg and R&D



Documentation for Criteria #1 for Mfg or R&D:

- 1. Applicable section of its zoning bylaw/ordinance
- 2. Copy of zoning map that shows area zoned
- 3. Important zoning definitions
- Relevant section of the use table and any key that will help DOER interpret the use table
- Any related local regulations applicable to facilities sited under the bylaw/ordinance—such as site plan review regulations—so that DOER can confirm that the related local regulations are non-discretionary; AND
- Yield calculations, either included in the text of the letter or attached.



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Criteria 2 - Expedited Permitting



12 months: date of initial application to date of final decision

- Applies only to the proposed facilities subject to the as-of-right siting provision.
- Can apply the MGL c 43D permitting process to these zoning districts



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Criteria 2 – Expedited Permitting



Documentation for Criteria #2:

- A letter from legal counsel:
 - · Affirm no preclusions for expedited permitting
 - · Include language addressing approval procedures
 - Associated timing from any applicable bylaws/ordinances or regulations
- A copy of the applicable map(s) showing that the areas where the expedited permitting applies coincides with the as-of-right zoned areas for Criteria 1.

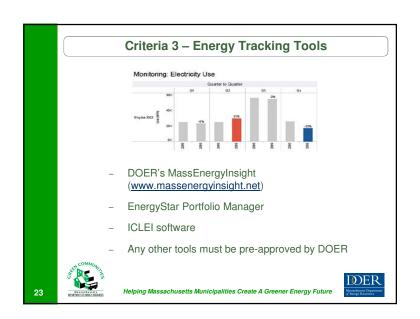
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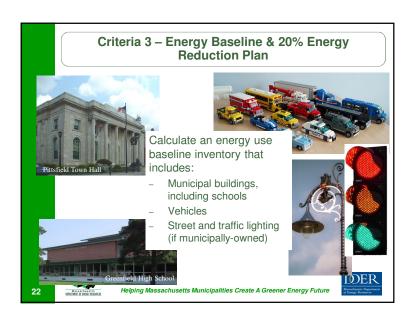
- MGL c43D
 - A certified copy of their City Council or Town Meeting vote designating the as-of-right zoned parcel(s) as a Priority Development Site
 - A copy of the applicable map(s) showing the areas where the expedited permitting applies

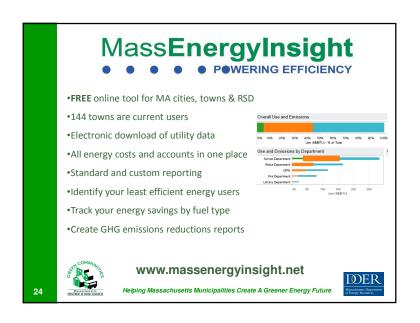


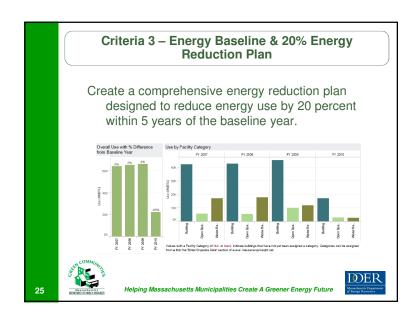


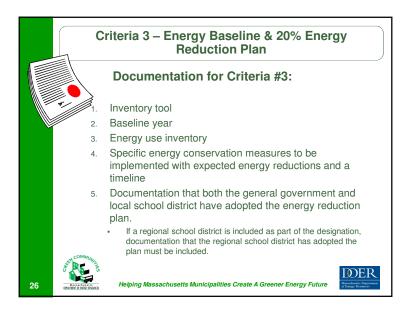




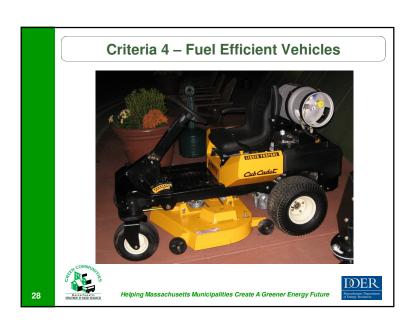




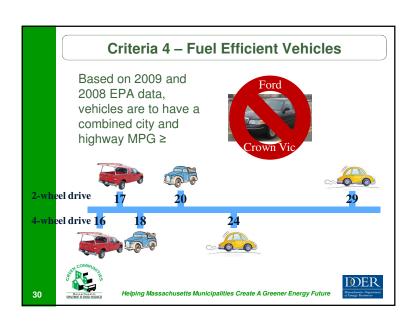


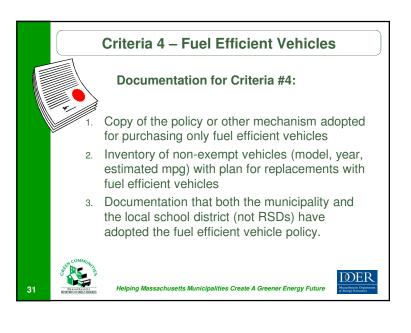














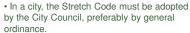
Criteria 5 - Minimize Life Cycle Costs



Require all new residential construction over 3,000 square feet and all new commercial and industrial real estate construction to minimize, to the extent feasible, the life-cycle cost of the facility by utilizing energy efficiency, water conservation and other renewable or alternative energy technologies.

The DOER recommended way for cities and towns to meet this requirement is by adopting the BBRS Stretch Code (780 CMR 120.AA) an appendix to the MA State Building Code.







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Criteria 5 – Minimize Life Cycle Costs

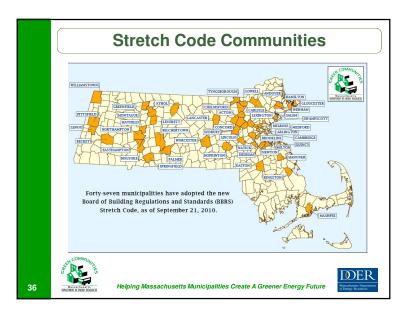


Documentation for Criteria #5:

- Stretch Energy Code
 - Documentation of the city council or town meeting vote adopting 780 CMR 120.AA, MA Board of Building Regulations and Standards (BBRS) Stretch Energy Code.
- Local Process
 - Documentation of the standard adopted, the mechanism in place for requiring this criterion for new construction, and how this standard provides reduced life-cycle energy costs.







Green Communities Division Programs & Resources for Municipalities

- Green Communities Grant and Planning Assistance Program
- MassEnergyInsight System
- Municipal Energy Efficiency Program
- Energy Performance Contracting Technical Assistance
- ARRA Stimulus Funding
- Website filled with tools & resources for municipalities:
 - www.mass.gov/energy/greencommunities
- Email updates via listserv Sign up today by send an email to: join-ene-greencommunities @listserv.state.ma.us



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Questions

 The webinar was recorded and will be available for viewing at your convenience. It will be posted on our website at:

www.mass.gov/energy/greencommunities

 The slide presentation will also be posted at: www.mass.gov/energy/greencommunities



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OUTREACH - REGIONAL COORDINATORS

- Regional Coordinators act as direct liaisons with cities and towns on energy efficiency and renewable energy activities
- Located at each of the DEP Regional Offices:
 - SERO LAKEVILLE: Seth Pickering
 - Seth.Pickering@state.ma.us
 - NERO WILMINGTON: Joanne Bissetta:
 - Joanne.Bissetta@state.ma.us
 - CERO WORCESTER: Kelly Brown
 - Kelly.Brown@state.ma.us
 - WERO SPRINGFIELD: Jim Barry
 - Jim.Barry@state.ma.us



